(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
14 July 2005 (14.07.2005)

PCT

(10) International Publication Number
WO 2005/064385 A1

(51) International Patent Classification[7]: G02F 1/01

(21) International Application Number:
PCT/IT2003/000868

(22) International Filing Date:
31 December 2003 (31.12.2003)

(25) Filing Language: Italian

(26) Publication Language: English

(71) Applicant *(for all designated States except US)*: **TELECOM ITALIA S.p.A.** [IT/IT]; Piazza degli Affari, 2, I-20123 Milano (IT).

(72) Inventor; and

(75) Inventor/Applicant *(for US only)*: **RIPOSATI, Benedetto** [IT/IT]; Telecom Italia S.p.A., Via G. Reiss Romoli, 274, I-10148 Torino (IT).

(74) Agents: **POSTIGLIONE, Ferruccio** et al.; Jacobacci & Partners S.p.A., Via Senato, 8, I-20121 Milano (IT).

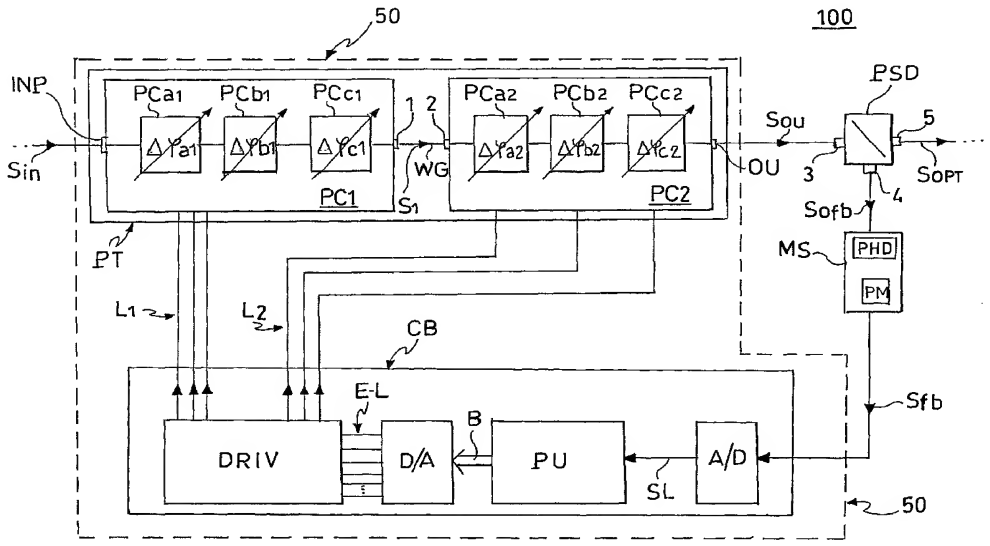
(81) Designated States *(national)*: AE, AG, AL, AM, AT (utility model), AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ (utility model), CZ, DE (utility model), DE, DK (utility model), DK, DM, DZ, EC, EE (utility model), EE, EG, ES, FI (utility model), FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT (utility model), PT, RO, RU, SC, SD, SE, SG, SK (utility model), SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States *(regional)*: ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:
— *with international search report*

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) **Title:** OPTICAL SIGNAL POLARISATION CONTROL METHOD AND CONTROLLER DEVICE



(57) **Abstract:** A polarisation control method, comprising the steps of: - feeding an optical input signal (Sin) to a first polarisation transformation block (PC1) for providing a corresponding first optical output signal (S1), - feeding the first optical output signal to a second for providing a corresponding second output signal (Sou), - providing to said blocks, regulating signals which are variable within limited time intervals and adapted to inducing said blocks to assume a configuration wherein the second block is in an active state and the first block is in a reset state in order to carry out a rewind operation wherein the corresponding regulating signal is induced to assume a value within the corresponding limited interval.

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